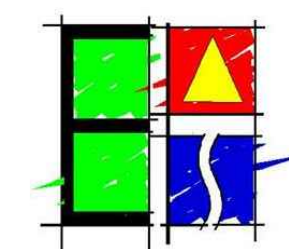


NOTES

PROJECT TEAM

Project Managers:



Engineering Advice & Services
73 Hugh Road
Walmer
Port Elizabeth, 6070
Tel: 041 581 2421
Marcus Niemand
marcus@easpec.co.za

Architect:



Intsika Architects
1st Floor, Office 4A
Leadwood House,
Cedar Square, Bonza Bay Road,
Beacon Bay, East London 5241
Tel: 043 726 7786
Cell: 082 872 8748
Rob Gillard
rob@intsika.com

Quantity Surveyors:



Pulana Baxter & Associates
30 Chamberlain Road,
Berea, East London 5241
Tel: 043 721 0984
Cell: 083 284 2488
Mark Baxter
mark@pba.co.za

Civil Engineers:



CSE Consulting Engineers
7B Derby Road, Berea,
East London
5241
Tel: 043 726 3565
JPC van Wyk
ej@cse-consult.co.za

Structural Engineers:



ZNM Consulting Engineers
8A Bonza Bay Road,
Beacon Bay,
East London 5241
Tel: 087 350 4035
Cell: 086 608 3511
Mzukisi Mashaba
mzukisi@znmeng.co.za

Electrical & Mechanical Engineers:



Carifro Consulting Engineers
Tel: 043 743 8266
Cell: 082 900 7514
Mechele Rivaola
mikeriv@carifro.com

NR.	DATE	REVISIONS
0	2021/06/02	FOR TENDER

DRAWN	PK	CHECKED	JPCvW
DATE	MAY 2021	SCALE	1:125

CLIENT



CLIENT

Gary Whittaker
Project Manager
Tel: 043 7028247
Cell: 082 34632299
E-mail: gary@eidz.co.za

PROJECT

MANUFACTURING
FACILITY IN ZONE 1A
EB-DRG-11-20-Z1A

DRAWING

GENERAL DETAILS
SHEET 1 OF 2

PROJECT NO

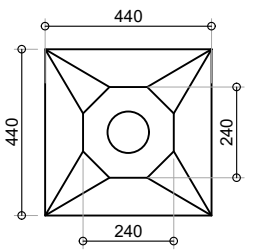
E813

DWG NO.

010

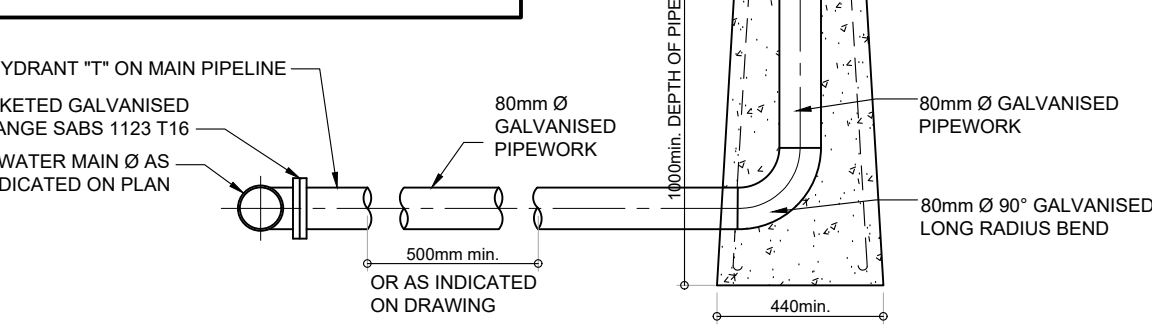
REV

0

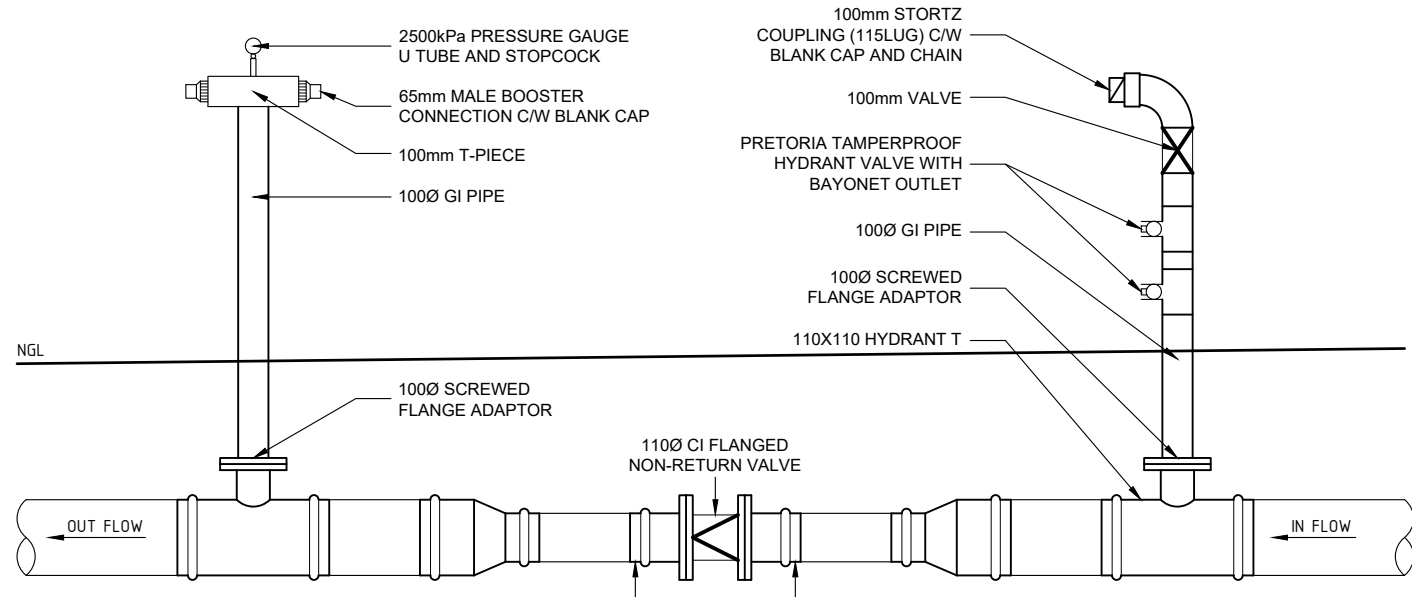


PLAN LAYOUT
SCALE 1:20

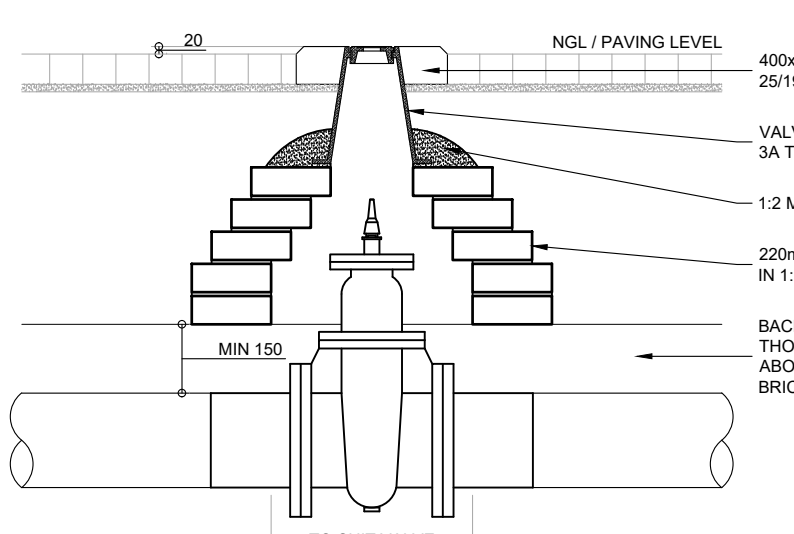
NOTE:
ALL BELOW GROUND GALVANISED STEEL PIPE
WORK WRAPPED WITH CANUSA WRAP/BOBND
SYSTEM



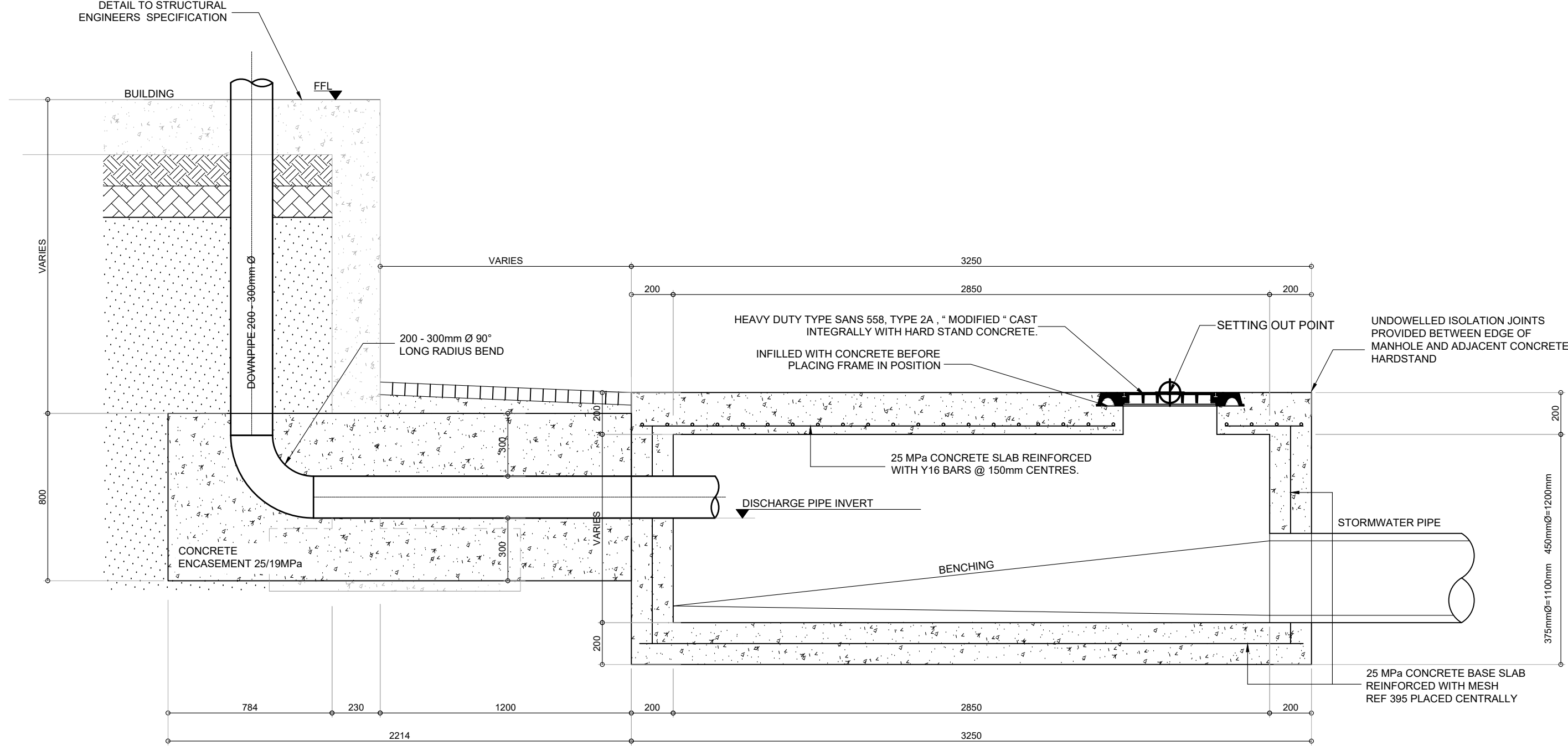
DETAIL OF SINGLE FIRE HYDRANT
SCALE 1:20



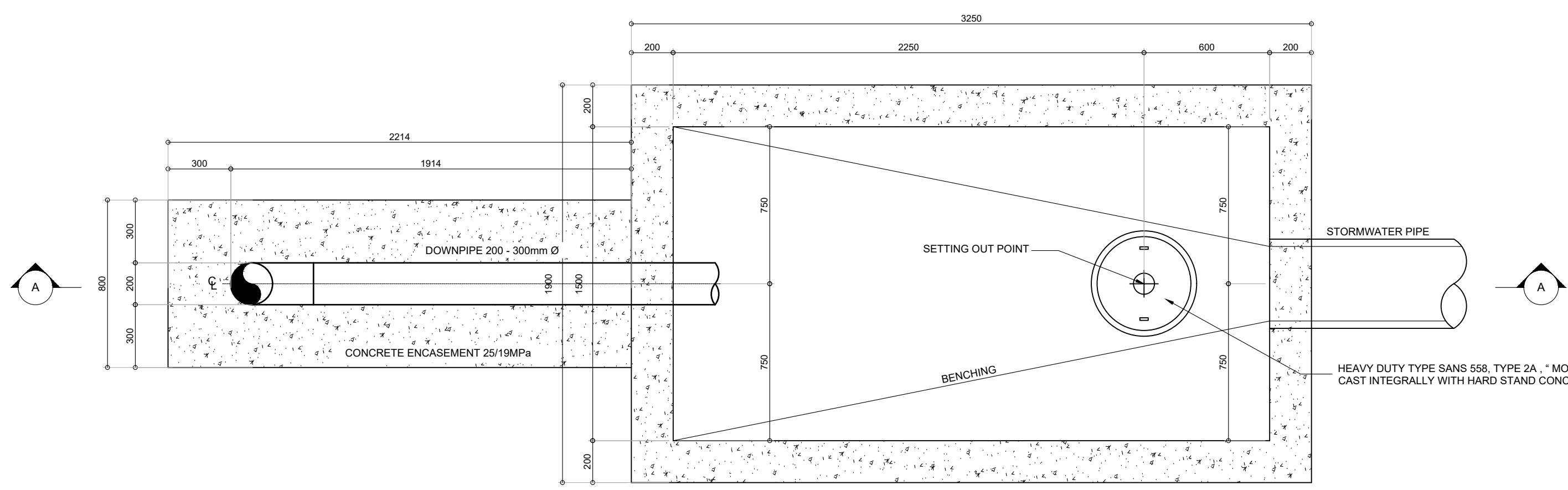
BOOSTER PUMP CONNECTION
N.T.S



VALVE CHAMBER DETAIL
N.T.S

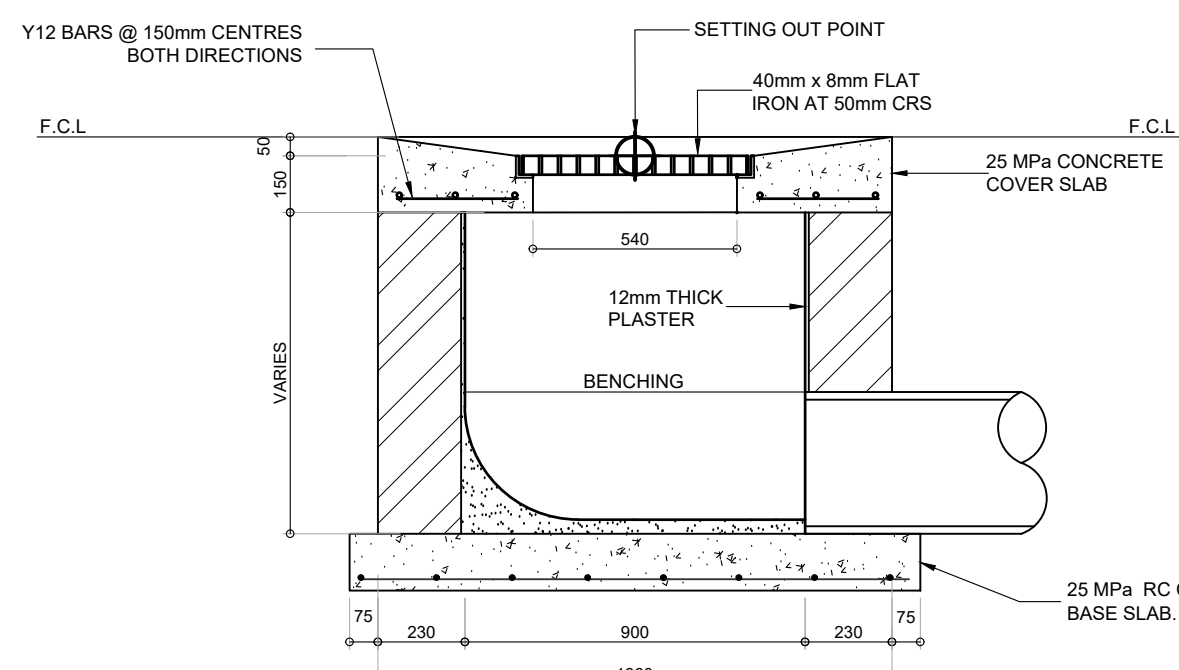


SECTION A-A

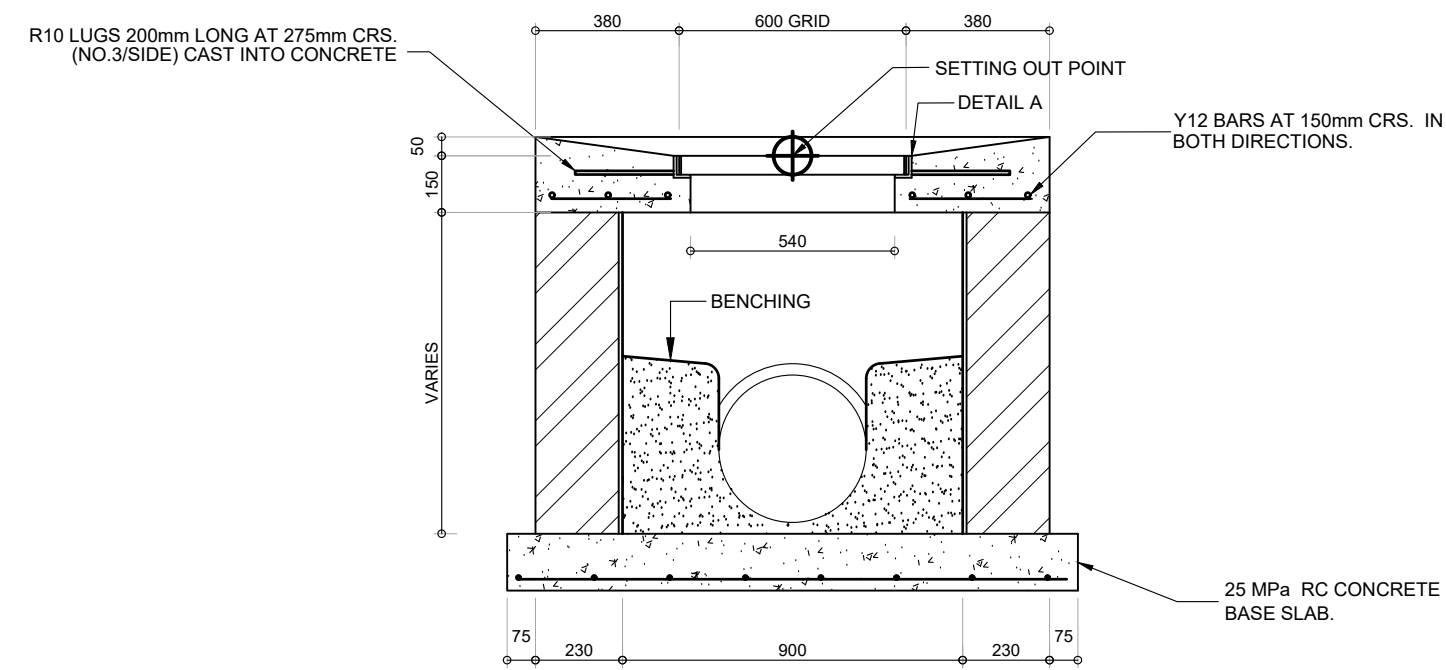


PLAN LAYOUT

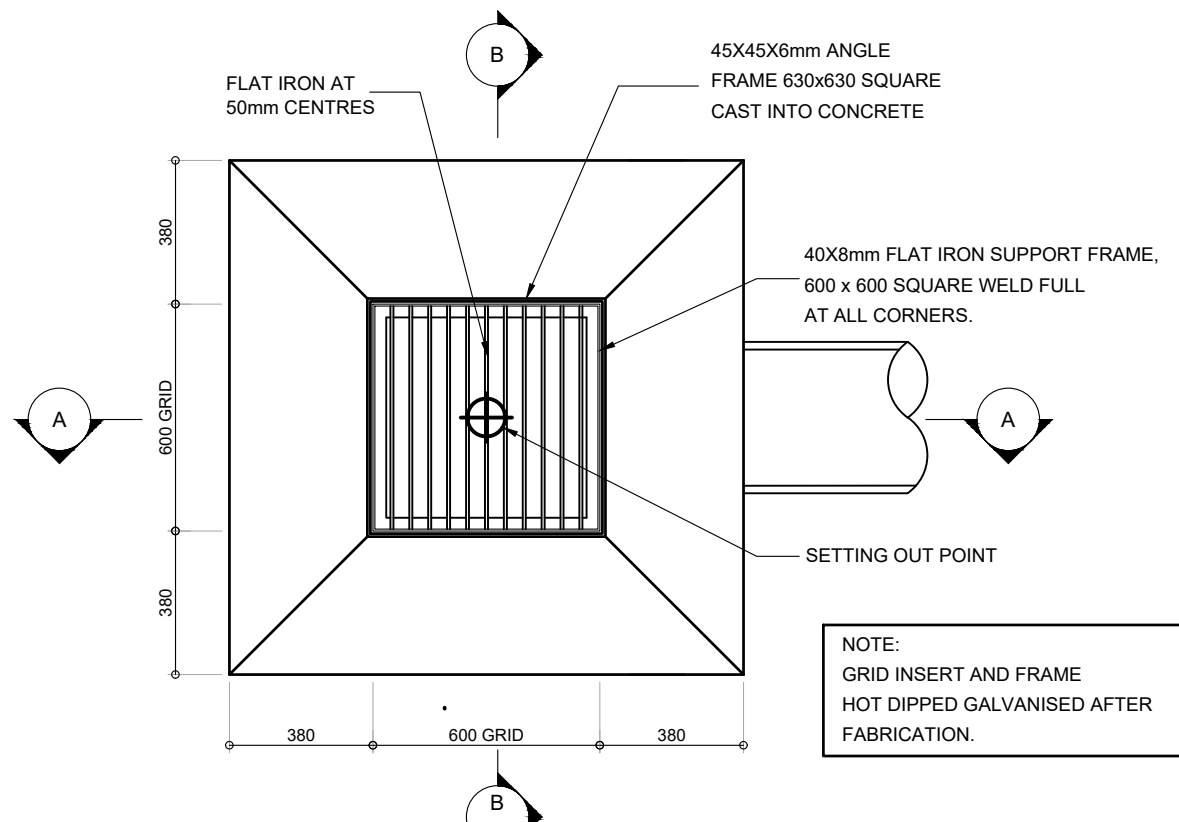
TYPICAL STORMWATER RELAX TANK
SCALE 1:20



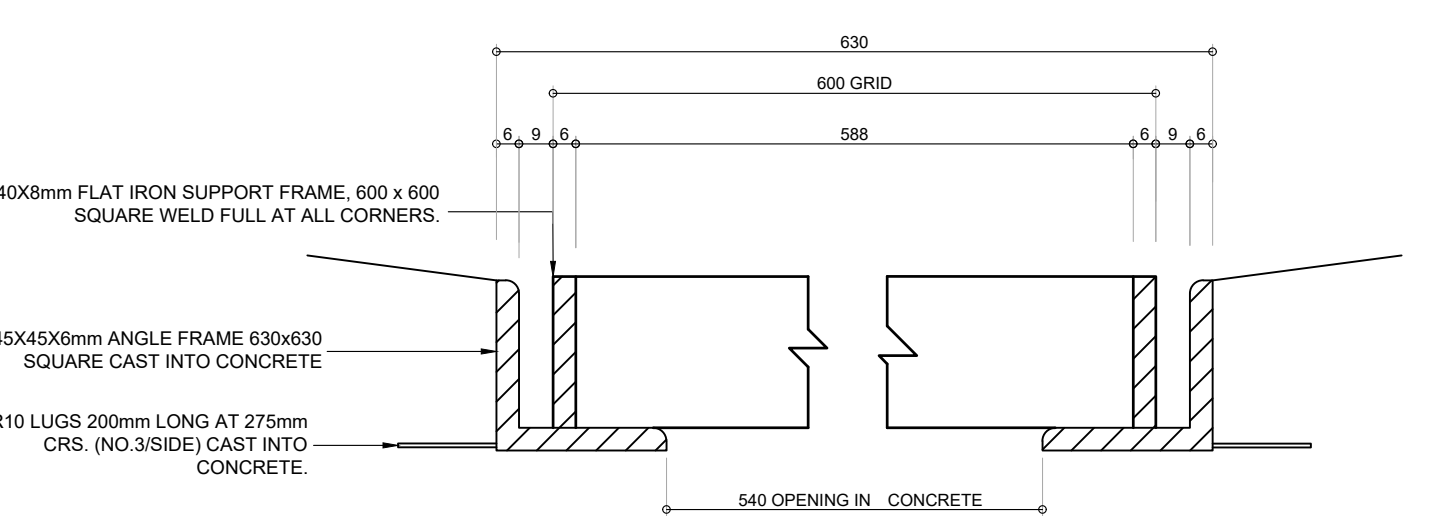
SECTION A-A
SCALE 1:20



SECTION B-B
SCALE 1:20



PLAN VIEW
SCALE 1:20

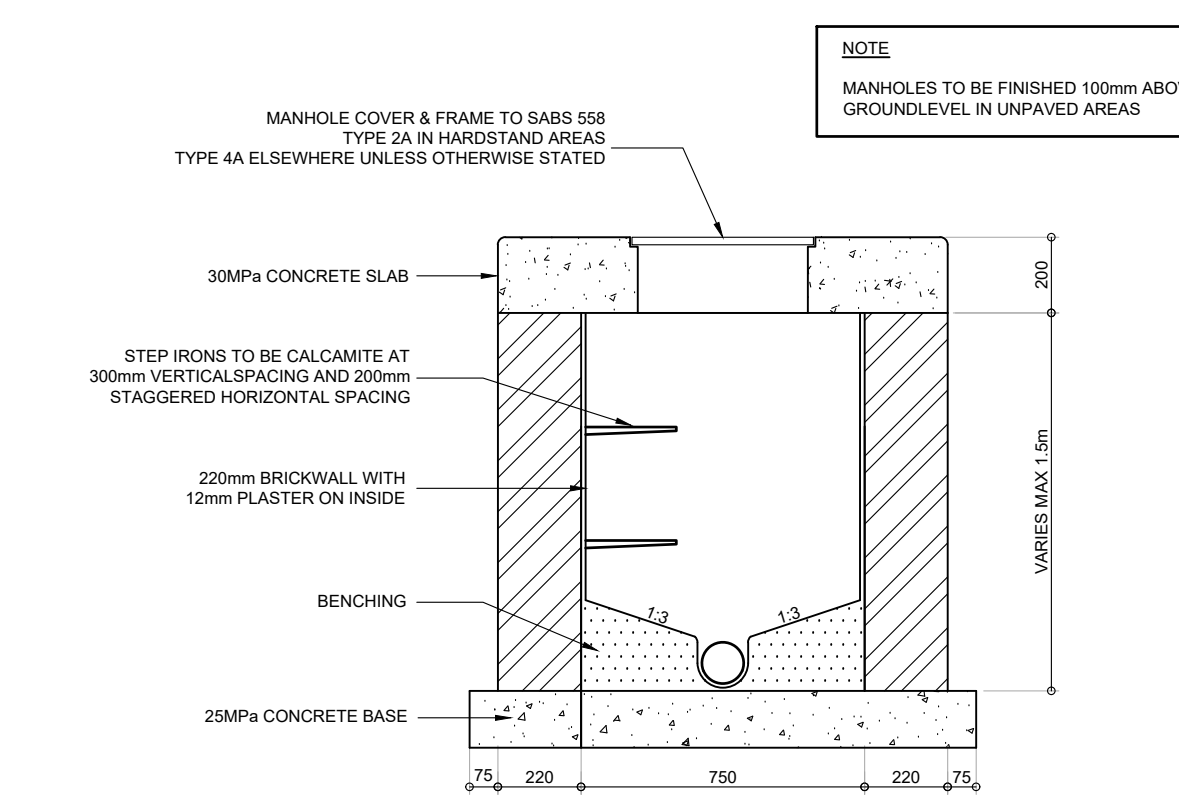


DETAIL A
SCALE 1:20

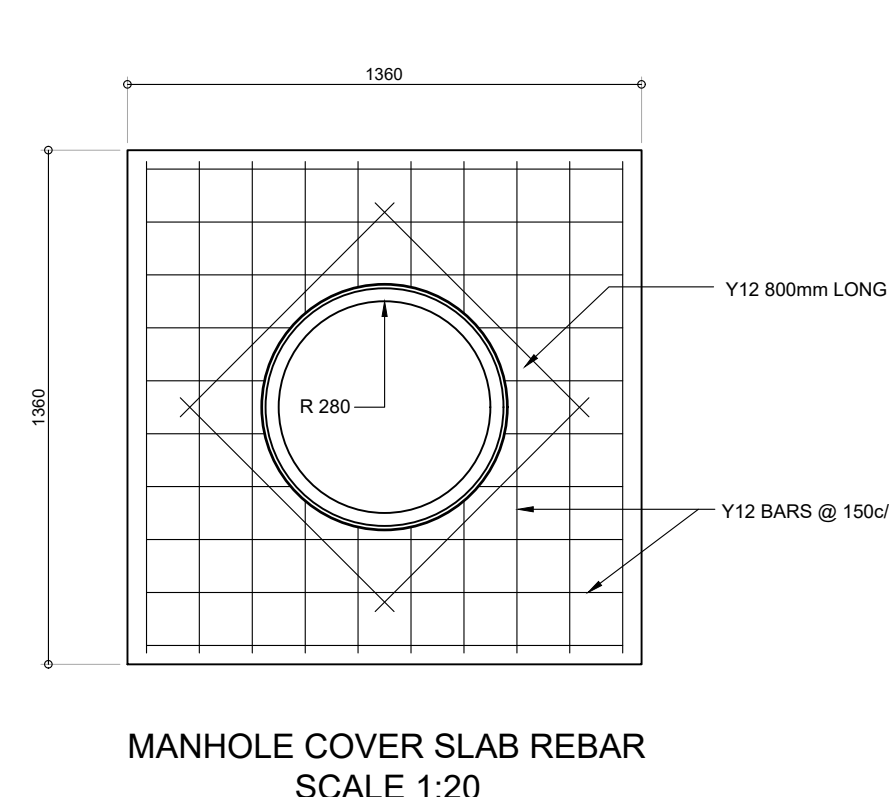
TYPICAL STORMWATER GRID INLET DETAILS
SCALE 1:20

Manhole Configurations	Manhole Configurations	Manhole Configurations	Manhole Configurations	Manhole Configurations
Depth(D)	Wall Thickness (mm)	Brick Thickness	Brick Thickness (mm)	Base Reinforcing (mm)
0 < D ≤ 0.8	230	2 No x 2.8mm every 2 nd course	150	Ref 193
0.8 < D ≤ 2.1	230	2 No x 2.8mm every course	175	Ref 311
2.1 < D ≤ 4.0	330	4 No x 2.8mm every course	200	Ref 311

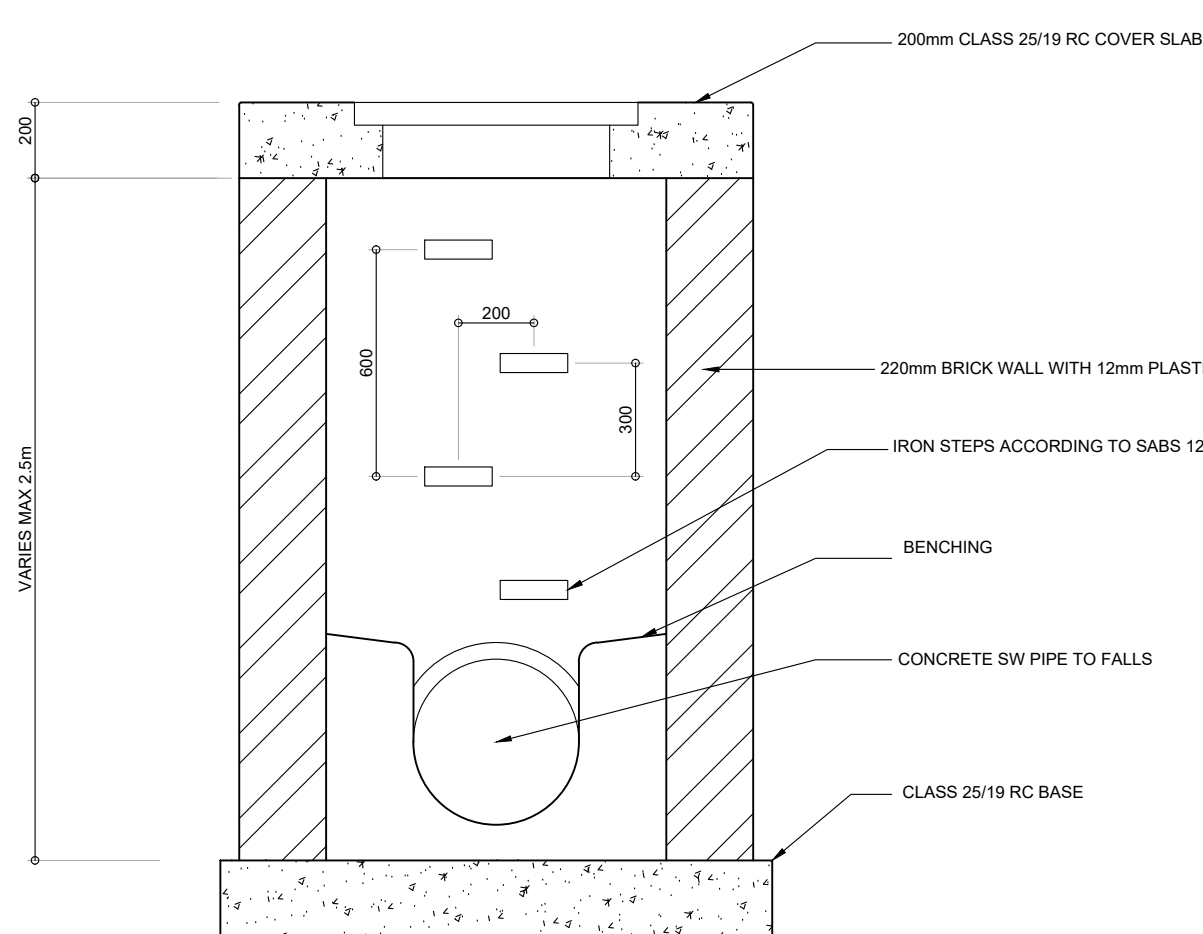
Step note to be installed in all manholes deeper than 1100mm and at 300mm vertical spacing 200mm staggered horizontally



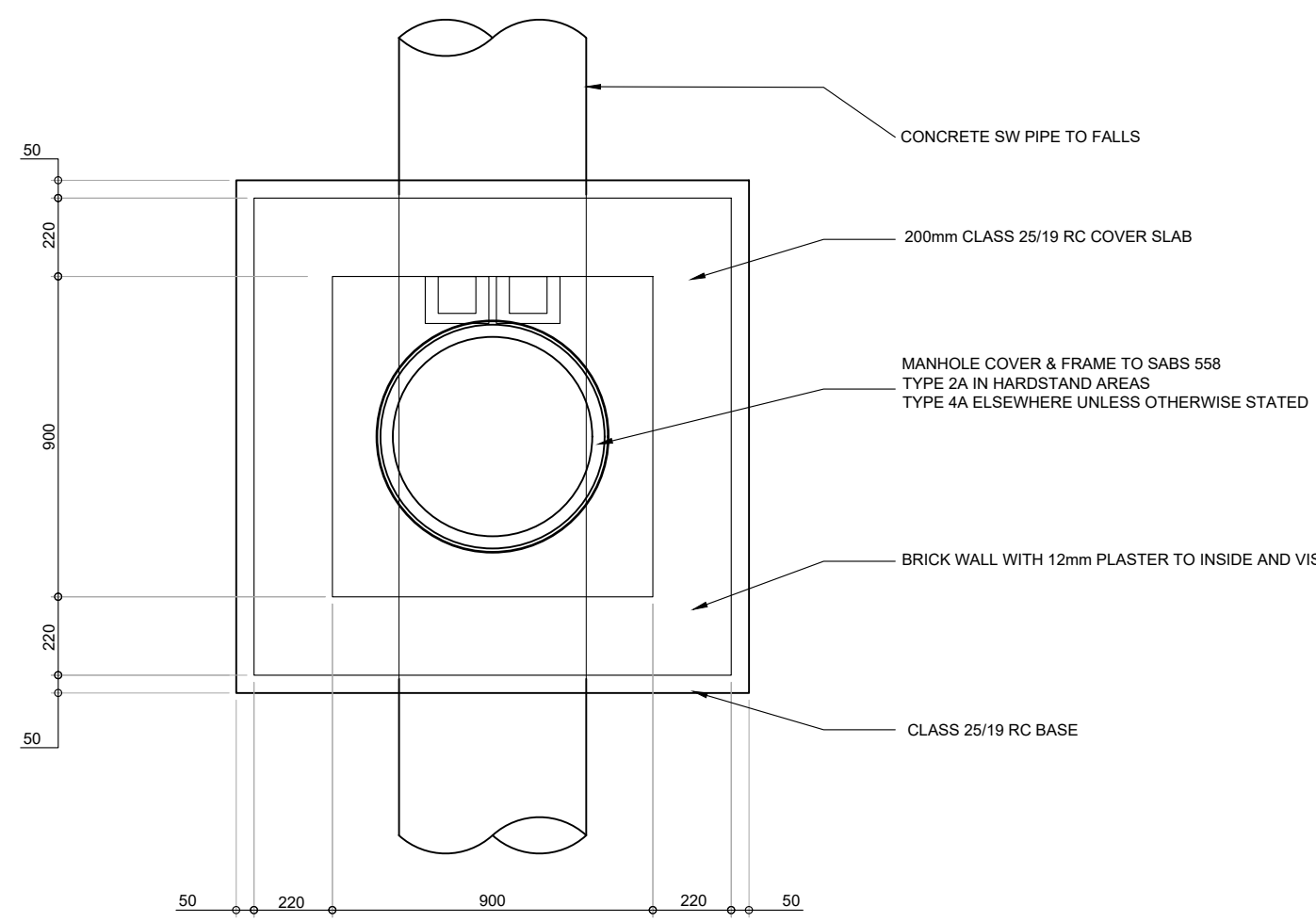
TYPICAL SEWER MANHOLE (< 1.5m)
SCALE 1:20



MANHOLE COVER SLAB REBAR
SCALE 1:20

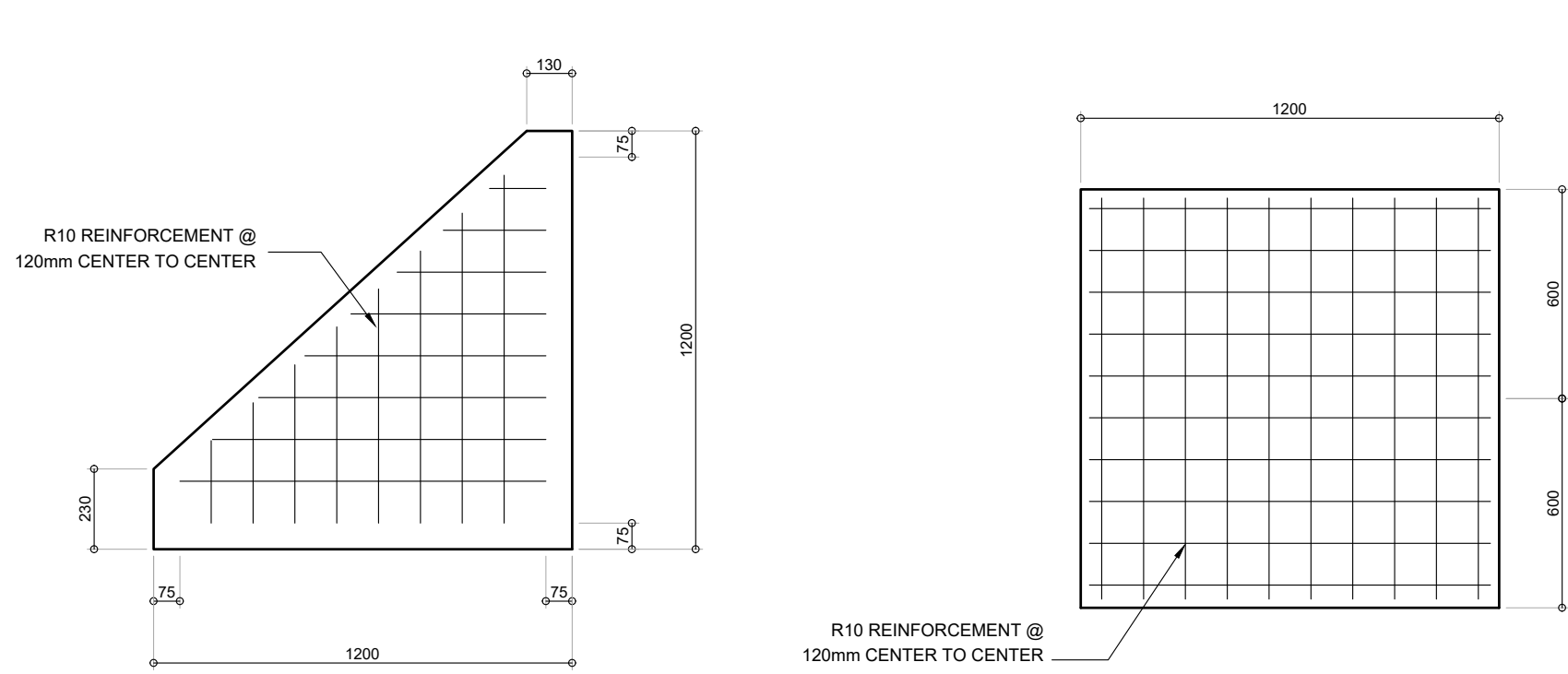


ELEVATION

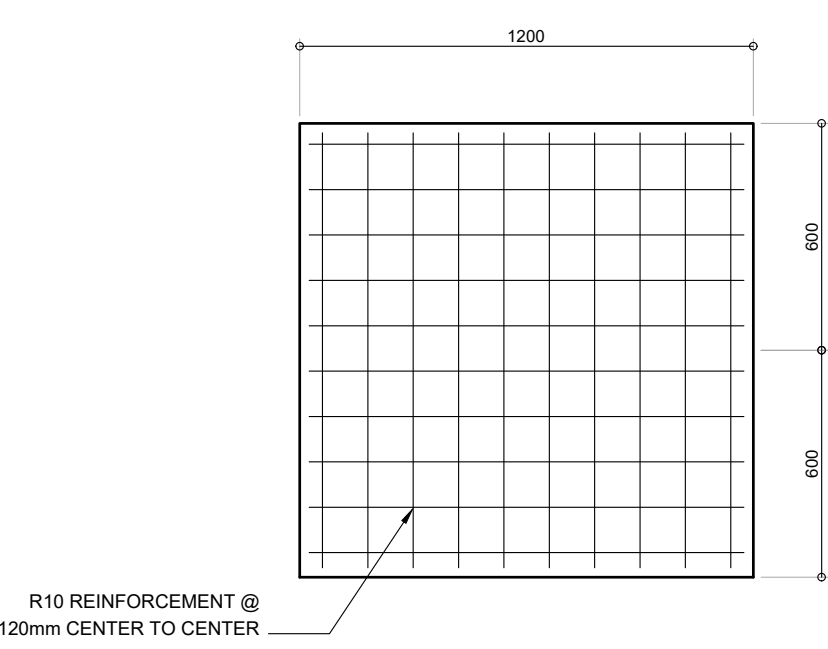


PLAN

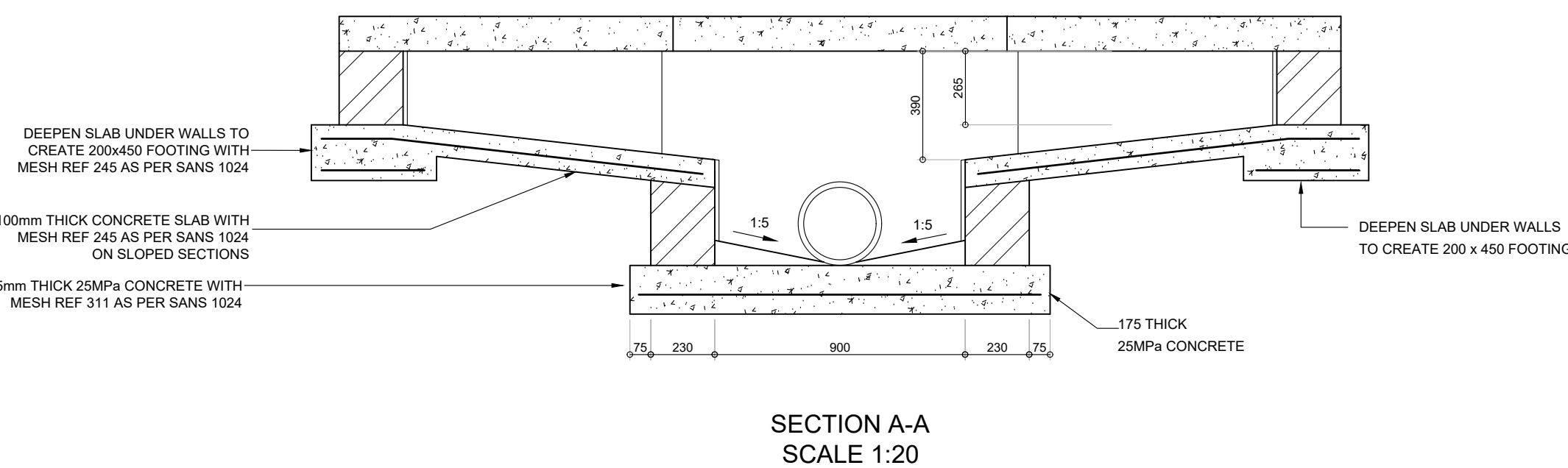
STORM WATER MANHOLE
N.T.S



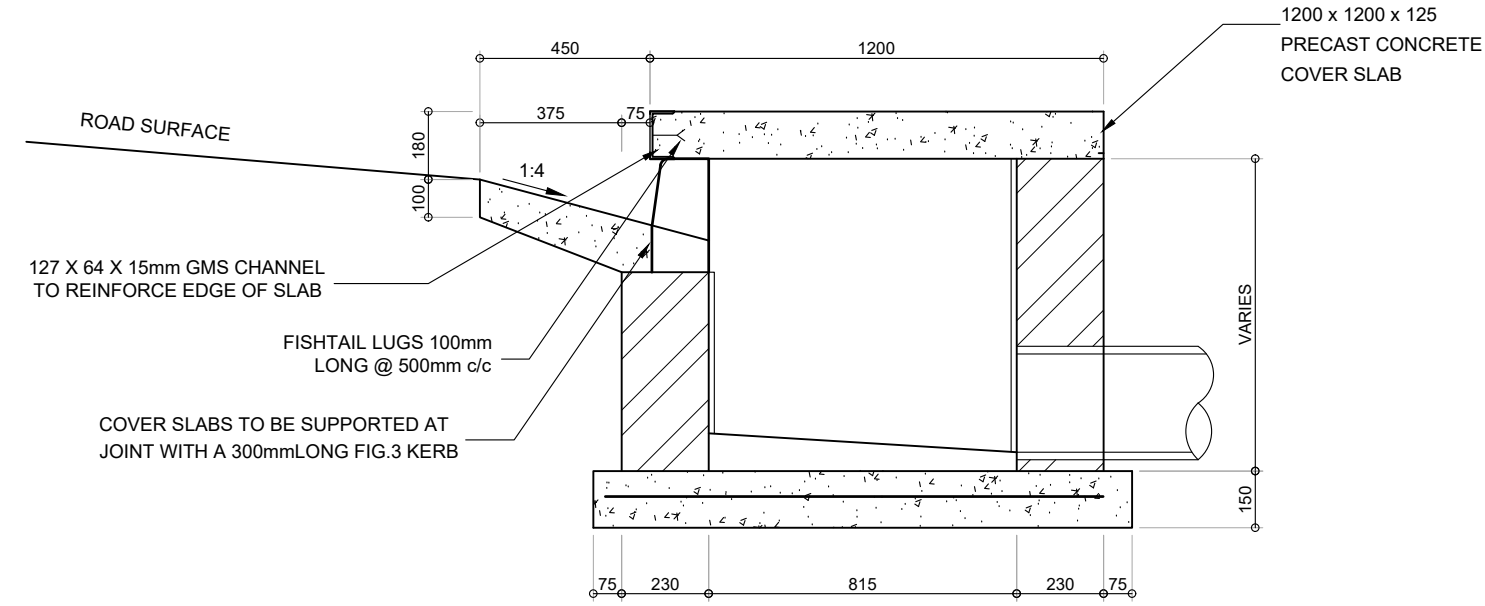
INLET SPALY SLAB REBAR
SCALE 1:20



INLET COVER SLAB REBAR
SCALE 1:20



SECTION A-A
SCALE 1:20



SECTION B-B
SCALE 1:20